

EXPRESS MAIL LABEL NO. EL990622147US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mary Lynne Perille-Collins, et al.
Serial No.: --
Filed: October 24, 2003
For: HOST/VECTOR SYSTEM FOR EXPRESSION OF
MEMBRANE PROTEINS
Group Art Unit: --
Examiner: --
Docket: 961094.00002

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. 1.98, enclosed herewith is a list of documents which the Applicants in the above-identified patent application wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this patent application. As this information duplicates information presented in related case Serial No. 09/660,176, Applicants have not provided copies of the documents.

Other Documents

J. Bérard, et al., "Mapping of the puh Messenger RNAs from *Rhodospirillum rubrum*," J. Biol. Chem. 264(18):10897-10903, 1989.

J. Bérard and G. Gingras, "The puh Structural Gene Coding for the H Subunit of the *Rhodospirillum rubrum* Photoreaction Center," Biochem. Cell Biol. 69:122-131, 1991.

J.M. Blatny, et al., "Construction and Use of a Versatile Set of Broad-Host-Range Cloning and Expression Vectors Based on the RK2 Replicon," Appl. Env. Microbiol. 63(2):370-379, 1997.

Y.S. Cheng, "Molecular Analysis of Bacterial Intracytoplasmic Membrane Proteins," pp. 1-97, 1998 (Thesis).

Y.S. Cheng, et al., "Role of the H Protein in Assembly of the Photochemical Reaction Center and Intracytoplasmic Membrane in *Rhodospirillum rubrum*," J. Bacteriol. 182(5):1200-1207, 2000.

S.K. Grunwald, et al., "Posttranslational Regulation of Nitrogenase in *Rhodospirillum rubrum* Strains Overexpressing the Regulatory Enzymes Dinitrogenase Reductase ADP-ribosyltransferase and Dinitrogenase Reductase Activating Glycohydrolase," Am. Soc. Microbiol. 177(3):628-635, 1995.

M.J. Hessner, et al., "Construction, Characterization, and Complementation of *Rhodospirillum rubrum* puf Region Mutants," J. Bacteriol. 173(18):5712-5722, 1991.

B.C. Jester, "Construction and Characterization of a puf Null Mutant of *Rhodospirillum rubrum*," pp. 1-45, 1998 (Thesis).

N.T. Keen, et al., "Improved Broad-Host-Range Plasmids for DNA Cloning in Gram-negative Bacteria," Gene 70:191-197, 1988.

W.R. Jones, et al., "Mutants of *Rhodobacter sphaeroides* Lacking One or More Pigment-Protein Complexes and Complementation with Reaction-Centre, LH1, and LH2 Genes," Molec. Microbiol. 6(9):1173-1184, 1992.

I.Y. Lee and M.L.P. Collins, "Identification and Partial Sequence of the BchA Gene of *Rhodospirillum rubrum*," Curr. Microbiol. 27:85-90, 1993.

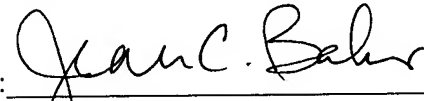
No fee is believed necessary to enter this statement. However, if a fee is necessary please charge Deposit Account 17-0055.

Respectfully submitted,

Mary Lynne Perille-Collins, et al.

October 24, 2003

By: _____



Jean C. Baker

Reg. No.: 35,433

QUARLES & BRADY LLP

411 East Wisconsin Avenue

Milwaukee, WI 53202-4497

(414) 277-5709

(Use as many sheets as necessary)

Sheet	1	of	2
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Application Number	
Filing Date	October 24, 2003
First Named Inventor	Mary Lynne Perille-Collins
Art Unit	
Examiner Name	
Attorney Docket Number	961094.000002

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Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	
		Filing Date	October 24, 2003
		First Named Inventor	Mary Lynne Perille-Collins
		Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	961094.00002

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		J. Berard, et al., "Mapping of the puh Messenger RNAs from Rhodospirillum rubrum," J. Biol. Chem. 264(18):10897-10903, 1989.	
		J. Berard and G. Gingras, "The puh Structural Gene Coding for the H Subunit of the Rhodospirillum rubrum Photoreaction Center," Biochem. Cell Biol. 69:122-131, 1991.	
		J.M. Blatny, et al., "Construction and use of a Versatile Set of Broad-Host-Range Cloning and Expression Vectors Based on the RK2 Replicon," Appl. Env. Microbiol. 63(2):370-379, 1997.	
		Y.S. Cheng, "Molecular Analysis of Bacterial Intracytoplasmic Membrane Proteins," pp. 1-97, 1998 (Thesis).	
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		M.J. Hessner, et al., "Construction, Characterization, and Complementation of Rhodospirillum puf Region Mutants," J. Bacteriol. 173(18):5712-5722, 1991.	
		B.C. Jester, "Construction and Characterization of a puf Null Mutant of Rhodospirillum rubrum," pp. 1-45, 1998 (Thesis).	
		N.T. Keen, et al., "Improved Broad-Host-Range Plasmids for DNA Cloning in Gram-negative Bacteria," Gene 70:191-197, 1988.	
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Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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of

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Filing Date

October 24, 2003

Mary Lynne Perille-Collins

Art Unit

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I.Y. Lee and M.L.P. Collins, "Identification and Partial Sequence of the BchA Gene of *Rhodospirillum rubrum*," *Curr. Microbiol.* 27:85-90, 1993.

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